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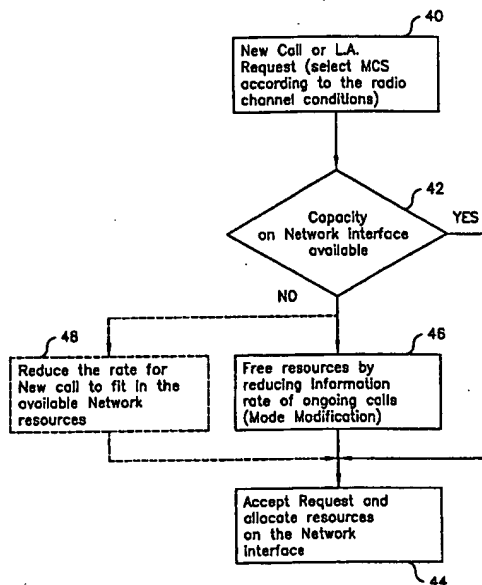
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(21) International Application Number: PCT/SE99/00776 (22) International Filing Date: 7 May 1999 (07.05.99) (30) Priority Data: 09/079,231 15 May 1998 (15.05.98) US (71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE). (72) Inventors: FRODIGH, Magnus; Risvågen 1F, S-192 73 Sollentuna (SE). DALIBOR, Turina; Djursholmsvägen 93, S-183 57 Täby (SE). KHAN, Farooq; Bergengatan 47 bv, S-164 37 Kista (SE). (74) Agent: ERICSSON RADIO SYSTEMS AB; Ericsson Research, S-164 80 Stockholm (SE).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 13 January 2000 (13.01.00)	

(54) Title: METHODS AND SYSTEMS FOR MODE SELECTION BASED ON ACCESS NETWORK CAPACITY



(57) Abstract

A radiocommunication system supports high throughput rates over an air interface. An access network interface, e.g., between a base station and base station controller, conveys information between the base station and the rest of the terrestrial system. Techniques are provided to adjust transmission rates over the air interface based on loading of the access network. Techniques are also provided to control bandwidth allocation over the access network interface and distribute call blocking/delay percentages when there is an imbalance between the capacity of the air interface and the access network interface.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 99/00776

A. CLASSIFICATION OF SUBJECT MATTER		
IPC6: H04Q 7/38 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC6: H04Q, H04B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
SE,DK,FI,NO classes as above		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
WPI		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9507578 A1 (QUALCOMM INCORPORATED), 16 March 1995 (16.03.95), page 3, line 13 - page 4, line 12 --	1-23,26,28, 29
X	EP 0719062 A2 (AT&T CORP.), 26 June 1996 (26.06.96), column 1, line 39 - column 2, line 35 --	1-4,6,8-13, 16-18,21,22
X	GB 2313254 A (MOTOROLA LIMITED), 19 November 1997 (19.11.97), page 5, line 32 - page 6, line 17 --	30,31
A	WO 9637081 A1 (ROKE MANOR RESEARCH LIMITED), 21 November 1996 (21.11.96), abstract -- -----	1-31
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search		Date of mailing of the international search report
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Name and mailing address of the ISA: Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86		Authorized officer: Stefan Hansson/mj Telephone No. +46 8 782 25 00

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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